

# **CV/CVN AVIATION INSPECTION GUIDE**     **JUL** **2004**

This document is provided as a GENERAL GUIDE for the aviation INSURV inspection and not an all-inclusive document. Coordination with aviation INSURV inspectors prior to the inspection is essential in order to work out the unique schedule of events for your ship. All areas generally take 2 days to complete; some specific items may take 3 days.

Desire the ship to AGGRESSIVELY EXECUTE THE SOE, but remain flexible. Many items can be FRONT LOADED INTO DAY ONE as time permits. Drive the schedule; do not leave the inspector idle. Flight operations are not required for any facet of the aviation inspection.

## **PAPERWORK REQUIRED:**

- AVIATION FACILITY COORDINATOR NOTEBOOK, ALL DOCUMENTATION REFLECTING AVIATION CERTIFICATION (EXAMPLES: TACAN CERT, NET WEIGHT TEST DATA, FUEL SYSTEM CERT, ETC)
- CSMP FROM ALL WORKCENTERS THAT SUPPORT EQUIPMENT THAT COMES UNDER INSURV AVIATION COGNIZANCE (INCLUDING A/C ELEVATORS, AEES)

## **INSPECTION AREAS:**

### **JP5**

- INSPECT ALL ASPECTS OF SYSTEM INCLUDING SERVICE, TRANSFER, AUXILIARY, JET TEST, STRIPPING SYSTEMS, AND ALL REFUELING STATIONS. TAKE SAMPLES AND RUN THEM IN LAB
- OPEN AND INSPECT INCLUDES OPENING 1 SERVICE AND 1 STORAGE TANK, SELECTED PURIFIERS, FILTER SEPARATORS, SERVICE/TRANSFER TANKS AIR ESCAPES AND OVERFLOWS
- INSPECT CATAPULT LUBE OIL SYSTEM
- INSPECT FUELING AT SEA STATIONS

### **VISUAL LANDING AIDS (VLA)**

- INSPECT ALL FLIGHT DECK LIGHTS AND CONDUCT FLIGHT DECK LIGHTING DEMO IN THE DARK
- INSPECT ILARTS, MOVLAS, FLOLS, HUD/LSO PLATFORM

### **CRASH/SALVAGE**

- INSPECT ALL CRASH AND SALVAGE EQUIPMENT AS REQUIRED BY APPROPRIATE AEL/NAVAIR-00-80R-14
- INSPECT FLIGHT DECK NETS, CATWALKS, NONSKID, FLIGHT DECK CONTROL
- INSPECT HANGAR, HANGAR DECK CONTROL, CONFLAG STATIONS

### **AEES**

- INSPECT THE ELECTRICAL AND MATERIAL CONDITION OF ALL FLIGHT DECK AND HANGAR DECK 400HZ AND 28VDC AEES STATIONS AND THEIR ASSOCIATED UTILITY RECEPTACLES (REQUIRE AIMD PROVIDE OPERABLE MOBILE LOADBANK)

### **AIRCRAFT ELEVATORS**

- INSPECT/OPERATE AIRCRAFT ELEVATORS, HANGAR DOORS, DIVISIONAL DOORS,

ASSOCIATED PUMPROOM/MACHINERY ROOMS, STANCHION ROOMS, LOCKBAR SPACES

### **CATAPULTS/ARRESTING GEAR**

-INSPECT CATAPULTS, CATAPULT VOIDS, WATER BRAKES, JET BLAST DEFLECTORS, ICCS, AND ALL ASSOCIATED EQUIPMENT AND SPACES. CONDUCT NO-LOAD TESTING ON ALL CATAPULTS

-INSPECT ARRESTING GEAR ENGINES, SHEAVE DAMPENER SPACES, AND SOCKET POURING ROOMS AND ALL ASSOCIATED SPACES. RIG BARRICADE

### **AIMD**

-WALK THROUGH OF ALL AIMD SPACES. INSPECT HANGAR OVERHEAD CRANES